

Emissions Inventory Help Sheet for the Woodworking Industry

What do I need to report?

The woodworking industry needs to report wood coating emissions, the emissions from cleanup materials and dust emissions from the sawing and sanding of wood. Use the **General Process Form** to report dust (PM₁₀) emissions based on the tons of wood waste created. Use the **Evaporative Process Form** to report the evaporation (drying) of coatings and cleaning materials. Starting in 1999, certain pollutants which are not precursors of ozone (coded "NON") will not be reported. For the woodworking industry, this is most commonly acetone. Refer to the "Instructions for Reporting 1999 Annual Air Pollution Emissions" for specific instructions and process form examples.

How do I fill out the Evaporative Process and General Process Forms?

- "Process Type/Description" should include basic process information such as:
"Coating wood furniture," "Cleaning of spray guns," "Wood waste bin vent," etc.
- Use one of the following Tier Codes:

080409	Coating of wood furniture	080411	Coating of flatwood products
080425	Coating of miscellaneous	080103	Cold cleaning
070399	Industrial processing: wood, pulp & paper (dust)		
- If Process IDs are not printed on your forms, provide a different Process ID number for each line on the form.
- Column 9 on the Evaporative Form, "Material Type" should list the coating or cleaning material such as "lacquer," "paint," "mineral spirits," etc. On the General Form, line 9: "Emissions based on" should be "wood waste."
- On the Evaporative Process Form, column 10, "Annual Usage": Provide the number of gallons or pounds of coating or cleaning materials used during the year. For the General Process Form, line 12, "Annual Amount": Provide the amount of wood waste collected (small enough to be handled by an air handler).

How do I determine the emission factors (EF) for my coating and cleaning materials?

An EF is the number that is used to convert gallons or pounds of material used to pounds of pollutant emitted. The best source for this information is your MSDS or supplier. The EF can be expressed as a fraction of pollutants by weight (lb/lb) or pounds of pollutants per gallon (lb/gal). Report your emission factor(s) in the units of measure to match the units for reporting the amount used (column 10). For example, if you report gallons used, your EF must be in pounds per gallon. See the Instructions for further details and examples of the process forms.

Wood Waste Emission Factors (to be used on the General Process Form):

1. Bin vent emissions come from wood waste being discharged into a bin located or vented outdoors.
2. Bin loadout emissions come from emptying the bin into another container or into a hauling truck. If your sawdust bin is covered and hauled away, then there are no loadout emissions.

The following sources of PM₁₀ should be reported if they exist at your facility.

Process Type	SCC Code	Emissions Factor*	Emissions Factor (EF) Units
Wood waste storage bin vent	30703001	0.58 (uncontrolled)	lb/ton total wood waste hauled away
Wood waste storage bin loadout	30703002	1.2 (uncontrolled)	lb/ton total wood waste hauled away

* Print "No" in column 17 for all these emissions factors.